MHHS PROGRAMME

Industry-led, Elexon facilitated

Cross Code Advisory Group #10
26 October 2022

Version 1.0

MHHS DEL695

Document Classification: Public

Agenda (1 of 2)

#	Item	Objective	Type	Lead	Time	Page
1	**Welcome**			Chair	10:00-10:05 *5 mins*	1
2	**Minutes and Actions**	Approve minutes of previous meeting and review outstanding actions	Decision	Chair & Secretariat	10:05-10:20 *15 mins*	4
3	**Programme Updates**	Updates from MHHS Programme governance groups and the wider Programme	Information	Programme (PMO)	10:20-10:25 *5 mins*	7
4	**Horizon Scanning Log**	Updates from all Code Bodies on changes which may impact MHHS Programme	Information	Code Bodies, Programme (PMO & Design Team)	*10:25-10:45* *20 mins*	9
5	**Regulatory Code Freeze**	Agenda item request from OVO to discuss regulatory code freeze related to Faster Switching	Discussion	Programme (Andrew Margan) & Domestic Supplier (Paul Saker)	*10:45-10:55* *10 mins*	14
6	**Delivery of M7/M8**	Agree implementation timelines for M8 (code drafting delivery)	Decision	Programme (Jason Brogden)	*10:55-11:10* *15 mins*	17
7	**M5 Success Criteria and Prototyping Report**	Recommendation to DAG regarding M5 success criteria	Decision	Programme (Jason Brogden)	*11:10-11:30* *20 mins*	19
8	**Consequential Change Code Drafting Approach**	Clarify MHHSP scope delivery activities and discuss how consequential change outside of Programme scope is delivered	Discussion	Programme (Jason Brogden)	*11:30-11:50* *20 mins*	21

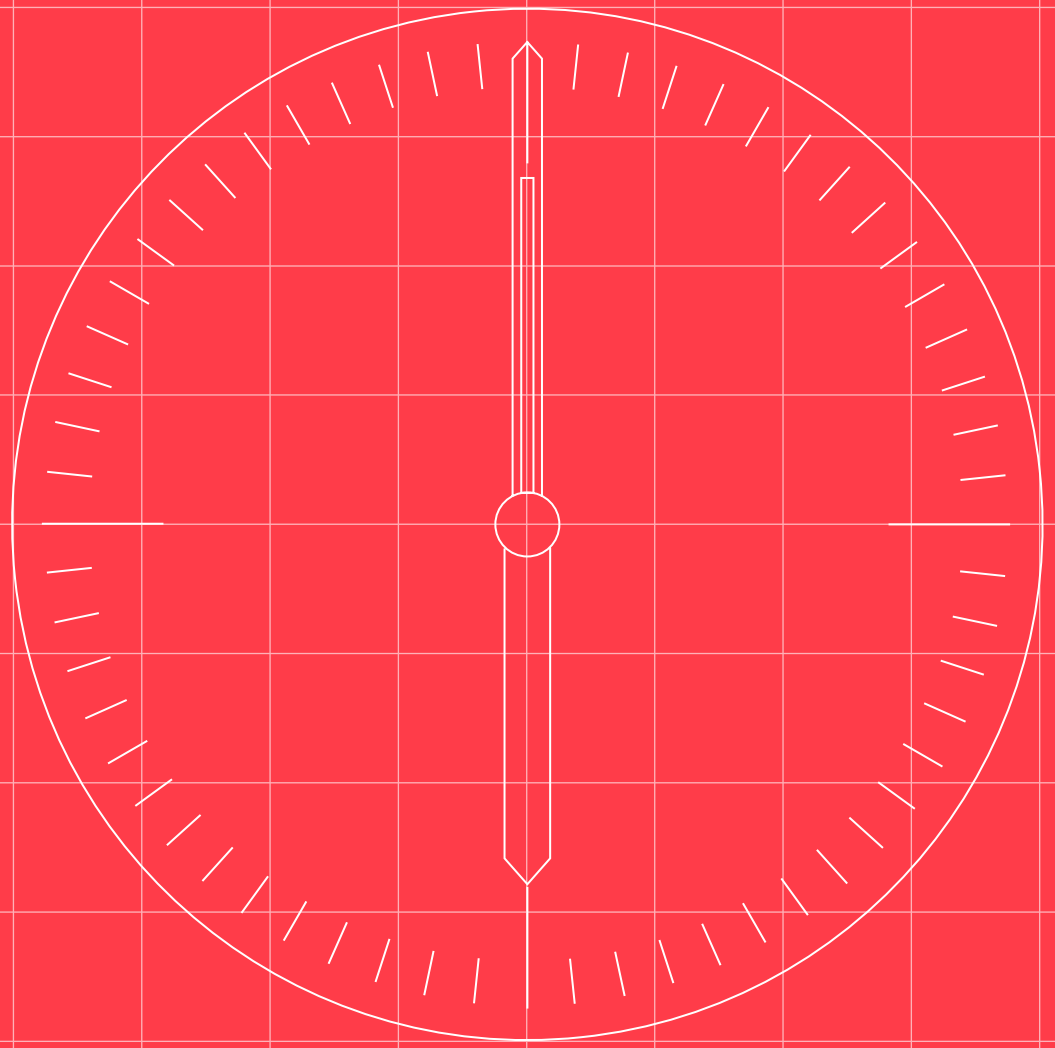
Agenda (2 of 2)

#	Item	Objective	Type	Lead	Time	Page
9	**CDWG Update**	Updates on CDWG	Information	Programme (PMO)	*11:50-11:55 5 mins*	27
10	**Summary and Next Steps**	Summarise meeting actions and next steps	Information	Chair & Secretariat	*11:55-12:00 5 mins*	29

Attachments / Appendices

Appendix 1 – Delivering Consequential Change – Further Slides
Attachment 1 – CCAG 28 September 2022 Headline Report v1.1 (change marked)
Attachment 2 – CCAG 28 September 2022 Minutes and Actions v1.1 (change marked)
Attachment 3 – Report on Sprint 1 Prototyping Exercise v1.0

Minutes and Actions



DECISION: Approval of minutes of previous meeting and review of outstanding actions

Chair & Secretariat

15 mins

Minutes and Actions (1 of 2)

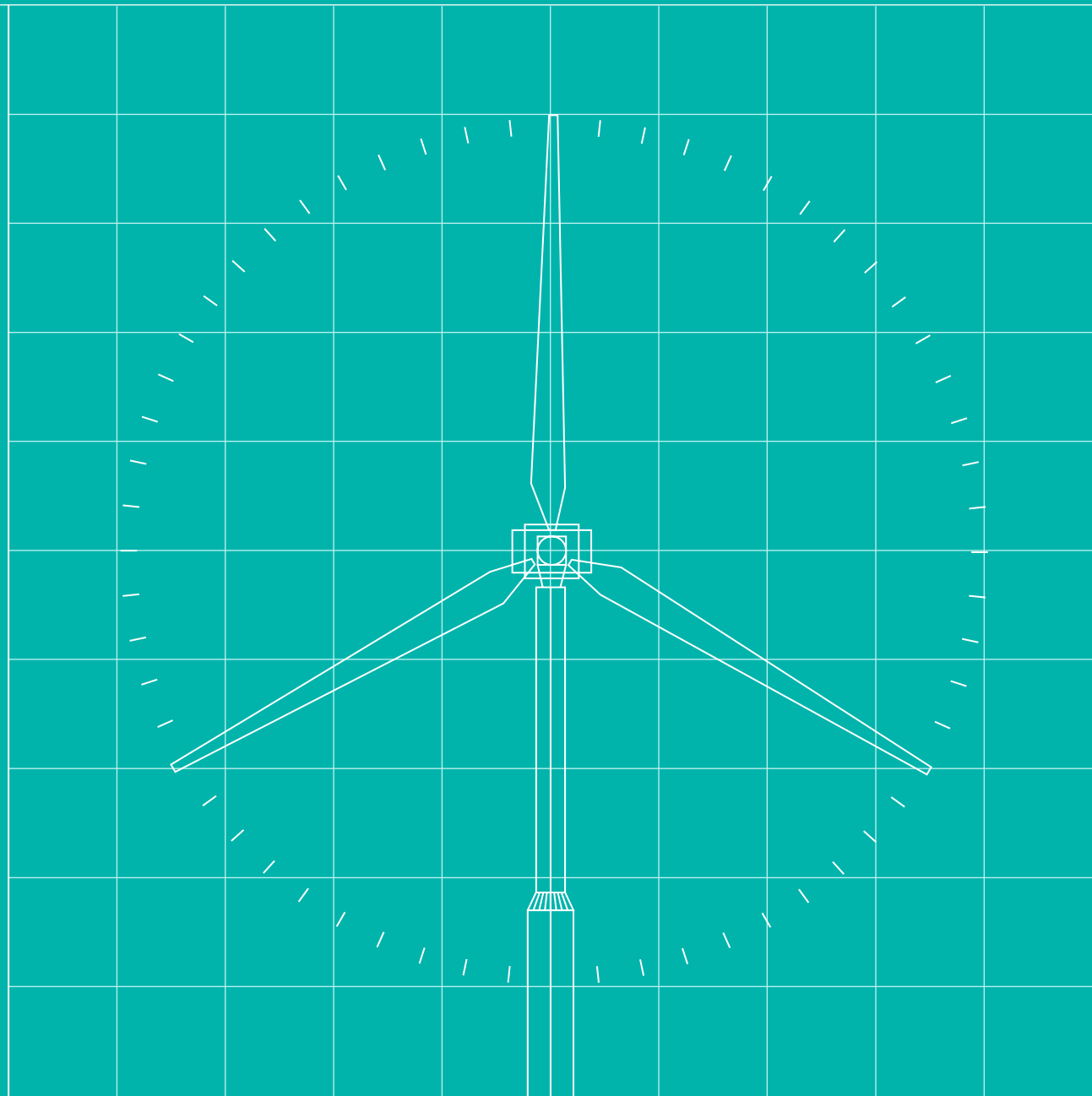
- Approval of Minutes from CCAG meeting held 28 September 2022 – amendments suggested by members, see Attachment 1
- Review of outstanding actions:

Ref	Date Raised	Action	Owner	Due Date	Update
CCAG07-11	22/06/2022	Consider the enduring referencing and hosting of design artefacts and how this should be brought into each code. Update the code draft principles for approval in July CCAG.	Programme (Andrew Margan)	20/07/2022	RECOMMEND CLOSED: The recent code drafting prototyping exercise led to a conclusion the traditional method will be used (i.e. that where necessary design artefacts (e.g. Business Process Diagrams) will be incorporated into individual codes). CCAG to confirm.
CCAG08-01	27/07/2022	Speak with design team and clarify the process of how data item industry changes are tracked and managed within the Programme	Programme (Fraser Mathieson)	17/08/2022	RECOMMEND CLOSED: New changes should be tracked by the Programme under the umbrella of the CCAG (with input from Code Bodies and impact assessment by the MHHS Design Team). Known areas of potential consequential impact should be raised via the CCIAG (e.g. SSC/TPR, etc)
CCAG08-06	27/07/2022	Provide feedback and supporting rationale on whether new code needs to be implemented for qualification (i.e. if qualification start is dependent on M6 (CCAG approval of code) or M8 (code implementation)). If code does not need to be implemented for qualification, provide feedback and rationale on the time at which new code does need to be implemented.	CCAG members	17/08/2022	ONGOING: Discussed at September 2022 CCAG. Code Bodies expressed preference for alignment of M7/M8 with qualification requirements needing to be firm/approved but not necessarily implemented. Further discussion/confirmation required. Action ongoing until approach to qualification code drafting is confirmed.
CCAG08-07	27/07/2022	Progress discussions on the enduring solution for hosting design artefacts and bring back to CCAG: 1. Whether the design will be maintained post go-live (and if so, how) 2. Confirm for all code bodies the role iServer plays for their code drafting	Programme (Jason Brogden)	17/08/2022	RECOMMEND CLOSED: See also ACTION CCAG07-11. Regarding 1), this is yet to be determined and will required conversations with Code Bodies as the Programme progresses as to the enduring ownership of Programme products. Regarding 2), the prototyping exercise indicates Code Bodies will not utilise iServer for enduring artefact referencing. Consideration should be given to whether use of iServer may provide benefits to participants (e.g. ease of view, ability to share and digest internally, etc.).
CCAG08-08	27/07/2022	Determine the approach to drafting topic areas that will not be drafted from the design baseline (e.g. qualification, transition) and bring to back to CCAG.	Programme (Andrew Margan)	17/08/2022	ONGOING: Discussion ongoing between Programme, BSC, and RECCo.
CCAG09-01	24/08/2022	Chair to follow-up with MHHS Testing Workstream regarding response to CH query on qualification	Chair	31/08/2022	ONGOING: Query is yet to be finalised and will be worked through the qualification working group.
CCAG09-06	24/08/2022	Programme to produce key code drafting dependencies relating to qualification to inform view of code drafting and text activation requirements	Programme (Andrew Margan)	14/09/2022	ONGOING: Update to be provide in meeting.

Minutes and Actions (2 of 2)

Ref	Date Raised	Action	Owner	Due Date	Update
CCAG09-09	24/08/2022	Programme to confirm where/how DIP data specification is hosted, managed, and owned.	Programme (Design Team)	14/09/2022	ONGOING: Design Team update: Once in operation the DIP data specification will be hosted on the EMAR and managed under the REC. Before this, it will be managed by the Programme (noting relevance of BSC Issue 101). The specification is currently under development as a design artefact and will consist of two data catalogues; one covering Elexon central systems, and another all other systems. The data catalogues are a deliverable currently being updated and will cover all flows over the DIP.
CCAG10-01	28/09/2022	BSC to add CP1568 to Horizon Scanning Log and complete any empty BSC fields	BSC Representative (Jonny Moore)	26/10/2022	RECOMMEND CLOSED: Update to be provided by BSC Representative
CCAG10-02	28/09/2022	REC to add R0065 to Horizon Scanning Log	REC Representative (Ann Perry)	26/10/2022	RECOMMEND CLOSED: Update to be provided by REC Representative
CCAG10-03	28/09/2022	Programme to discuss when settlement timetable drafting should be undertaken with MHHS Design Team, Elexon, and RECCo	Programme (Andrew Margan)	26/10/2022	ONGOING: Due to work on the baseline consultation comments and work to support the decision on M5 approval, this action is ongoing.
CCAG10-04	28/09/2022	CUSC to provide response on approach to legal text review	CUSC Representative (Paul Mullen)	26/10/2022	RECOMMEND CLOSED: Response received.

Programme Updates



INFORMATION: Updates from MHHS Programme governance groups and the wider Programme

Programme – PMO

5 mins

Governance group updates

Programme Steering Group (PSG)

Updates from PSG 05 October 2022

1. **Readiness for M3 and DBT –** constituency reps provided a view of readiness for DBT in their constituency. Most feedback was positive. The PPC gave an overview of Readiness Assessment 2. The PSG discussed the approach to making the M3 decision at November PSG.
2. **Programme Replan Progress** – the Programme presented the approach to the replan following Round 2 consultation. The PSG agreed to make the decision to move to Round 3 conditional on PSG decision.
3. **Delivery of Core Capabilities –** the Programme intends to hold monthly delivery meetings with providers of core capabilities. RECCo presented their plan.
4. **Key Programme Issues –** DCC and the Programme updated on MP162 & migration.
5. **Commercial impacts of settlement –** the Programme will explore how commercial impacts of settlement are considered

PSG Headline Report available here.

Design Advisory Group (DAG)

Update from DAG 14 October 2022

1. **SEC MP162 –** Ofgem have directed the SEC Panel to work up options for the implementation of the new Meter Data Retrieval (MDR) role. The Programme has responded to the SEC Change Board's consultation. Ofgem have published an RFI on DCC capacity options.
2. **Transition Approach** – Participants were invited to provide quantitative evidence in support of migration options under discussion at the Migration Working Group, The Programme will then discuss these with Ofgem.
3. **Design Status Update** – Responses to all consultation comments and updated design artefacts were published 17 October 2022. A work-off list will be published 19 October 2022. Updated interface specifications and the Operational Choreography will be published 24 October 2022. Assurance sessions will be held 27 October 2022.
4. **M5 Decision Process** – An evidence pack evidencing the DAG acceptance criteria will be published 24 October 2022. Relevance to CCAG criteria also.
5. **Design Assurance Update** – TOM deemed acceptable, and effective engagement has been demonstrated.

DAG Headline Report available here.

Testing and Migration Advisory Group (TMAG)

Agenda Items for TMAG 19 October 2022

1. **Migration options –** the Programme will update on progress of the migration options, next steps and the role of TMAG.
2. **Programme replan –** the TMAG will review testing and migration responses from the round 2 replan and discuss the approach to participant involvement in SIT
3. **Environments approach and plan** – the TMAG will hear an overview of the plan and an update on progress of its development
4. **Working group updates** – the TMAG will hear an update from the four TMAG working groups

TMAG papers are available here.

Wider Programme updates

Programme re-plan

Update:

- **Round 2 Replan consultation closed 30 September 2022.** 29 responses were received. Key insights will be presented to the Planning Working Group in October, and the November PSG.
- **Preparation for the Round 3 Replan consultation includes a series of Replan workshops** (topics covered include: SIT Approach (incl. MVC), SIT Execution, Qualification, Migration, adding further detail to the project plan and supporting the Milestone Register, and developing the Replan RAID items following Round 2.

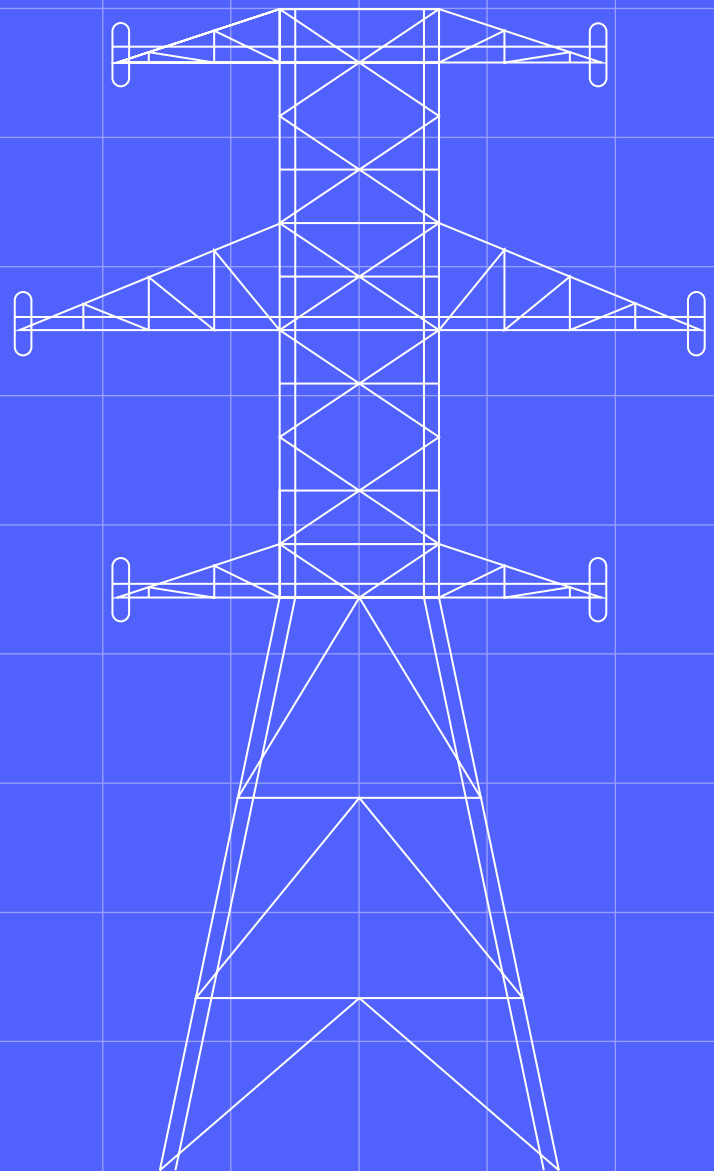
Next steps:

- Progress updates to the project plan, Milestone Register and RAID in preparation for the Round 3 Replan consultation. Deliver remaining Round 3 Replan workshops.
- If you would like to attend any walkthrough session or require assistance obtaining re-plan content from the Collaboration Base. Please contact PMO@mhhsprogramme.co.uk for more information.

Design Progress

- Responses **to consultation comments were published 03 October 2022** and the majority of Design Artefacts updated
- **A full list of artefacts can be found within the** Design Artefact Tracker including links to each artefact
- Updated artefacts have been change marked where possible, and a Change Control Log published, detailing the changes and associated comment responses
- The following documents are awaiting publication: Interface Catalogue, Operational Choreography, Technical and Security Artefacts
- A work-off list will be published 19 October 2022 detailing any items which will be resolved post-M5, but which do not prevent baselining of the design
- The Programme will hold assurance forums on 27 October 2022 to review the final updated design artefacts with industry experts involved in their development
- The DAG will meet 31 October 2022 to determine whether the design baseline should be approved

Horizon Scanning Log



INFORMATION: Updates from all Code Bodies on changes which may impact MHHS Programme

Code Bodies & Programme
(PMO & Matt McKeon)

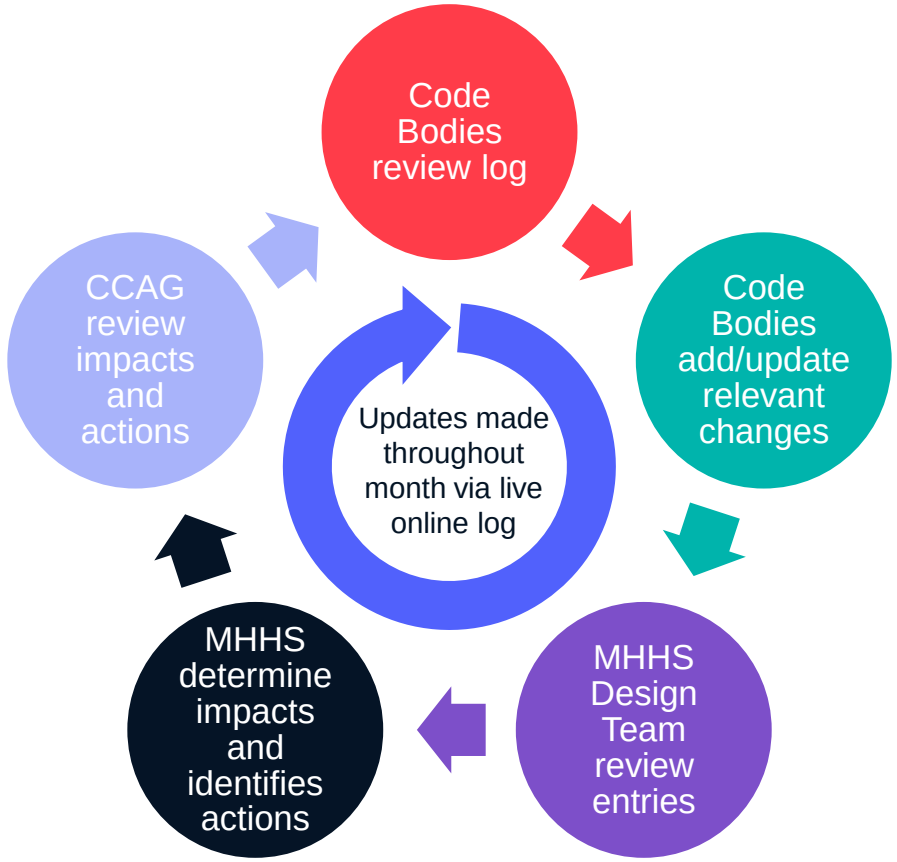
20 mins

Horizon Scanning Log

CCAG Horizon Scanning Log 26 October 2022

- Code Body updates
- Programme updates
- Forward actions and improvement options

Reminder: Horizon Scanning Log Process



Live log available on the MHHS Portal – please contact PPC@mhhsprogramme.co.uk if you require access

Direct link: MHHS-DEL387 CCAG Code Change Horizon Scanning Log v1.0

Change Title		DP206 ‘Allowing Generation Licence Holders to Apply Export MPANs’					
Change Summary:		SEC requires that to register an Export MPAN, a Party must also hold an Electricity Supply Licence. This is preventing Parties from exercising their rights under the Electricity Generation Licence, and potentially limiting choice for domestic customers who wish to generate revenue for their export energy					
Stakeholder positions:		Unknown: Draft Proposal only – impacts across Codes being discussed with REC and BSC, and potentially other Codes Update 14.10.22 – No change.					
Date raised:	10 May 22	Status:	Draft	Decision date:	TBC	MHHS Impact	TBC
Change Title		MP162 ‘SEC changes required to deliver MHHS’					
Change Summary:		Introduces changes needed to allow Supplier Agents to be able to collect half-hourly meter readings from ESME for MHHS per the MHHS TOM. Update 14.10.22 - DCC’s estimated costs for just the MDR User Role discussed within the Mod Working Group; a short consultation issued to seek wider views. The updated MP162 Modification Report is due to go back to SEC Change Sub Committee for approval 18 October. A short Mod Report Consultation will be issued 18-24 October, after which the SEC Change Board vote will be taken 26 October.					
Stakeholder positions:		Suppliers concerned with costs for a change they will not benefit from Potential MDR agents have raised competition concerns over access to HH data					
Date raised:	7 May 21	Status:	Revised costs and scope out for consultation	Decision date:	26 Oct 22 (Authority decision end Nov 22?)	MHHS Impact	Yes

Change Title DCP328		Use of system charging for private networks with competition in supply					
Change Summary:		The intent of this change is to ensure that use of system charging remains cost-reflective when competition in supply on a private network is in place. (References to BSC Party Agent, metering type and data flows D0036 or D0275 are made.					
Stakeholder positions:		Working Group recommendation is to accept (Party stance should be known at next meeting)					
Date raised:	14/08/2018	Status:	Voting	Decision date:	April 2024	MHHS Impact:	Low (Risk R0225)
Change Title DCP375		Amendments to the Unmetered Supplies National Terms of Connection					
Change Summary:		To amend the National Terms of Connection (NTC) relating to unmetered supplies by generalising the language used, especially those relating to terms used within the Balancing & Settlement Code (BSC) and to clean up redundant clauses.					
Stakeholder positions:		Distributors accept					
Date raised:	30/09/2020	Status:	Implemented	Decision date:	February 2022	MHHS Impact	No impact
Change Title DCP397		Modification of the Load Managed Area Notice Template					
Change Summary:		The change is to enhance the data requirements associated with load manged areas and includes NHH related terminology requirements such as SSC, TPR and LLFC. The former two considered not required in the HH market and the latter is up for splitting.					
Stakeholder positions:		Distributors accept					
Date raised	16/10/2021	Status	Implemented	Decision date	June 2022	MHHS Impact	Manage in design workstream

Change Title DCP411		Charging De-energised sites					
Change Summary:		DUoS is charged to recover the costs of maintaining the connection and the capacity but it is not charged for de-energised sites on site-specific billing or aggregated billing. This change will ensure that all customers with “traded” MPANs pay for their ongoing connection to the network. Proposed Implementation date is 1 April 2025 for site-specific customers and after their MHHS migration for aggregated customers.					
Stakeholder positions:		Initial meeting planned at the end of October					
Date raised:	14/09/2022	Status:	Definition	Decision date:	Jan-23	MHHS Impact:	New

Change Title		**R0015 Remote communication obligations for electricity Advanced Meters**					
Change Summary:		This CP seeks to introduce an explicit obligation under the REC to require all CT Metering Systems to have remote communications fitted and working by March 2023 and for all Advanced Meters to have them by October 2024.					
Stakeholder positions:		MEMs – obligations to be placed on MEMs Change was rejected by the REC Metering Expert Panel.					
Date raised:	17/11/21	Status:	Awaiting Authority Determination	Decision date:	TBC	MHHS Impact	Supporting an effective transition
Change Title		**R0032 New Registration data items and processes to support the transition to Market-wide Half-Hourly Settlement**					
Change Summary:		To facilitate MHHS Programme data cleanse activity, prior to the transition, MEM mastered Registration Service Data Items need to be introduced into the existing SMRS system and also displayed in EES. The solution to R0032 includes the addition of new Data Items, amendment to Data Items and a restructuring of Market Message D0312 “Notification of Meter Information to MPAS”.					
Stakeholder positions:		DNOs, MEMs and Suppliers – this is being challenged by Parties and Change Panel.					
Date raised:	03/02/22	Status:	Final Panel decision has been deferred	Decision date:	Targeting 1/11/22	MHHS Impact	Supporting data population ahead of transition completion

Change Title		R0017 - Invalid Requests for Site Technical Details					
Change Summary:		This Change Proposal seeks to provide clarity to DNOs and MEMs on the process for requesting and sending Site Technical Details as part of Meter Asset Installation, Switch or Change of Agent processes (D0215) Of interest to MHHS as there is dual governance currently across BSC and REC. Will need to determine whether this governance element is addressed as part of the CP or via the programme					
Stakeholder positions:		MEMs and DNOs - supported					
Date raised:	22/11/22	Status:	Solution development	Decision date:	TBC	MHHS Impact	TBC

Change Title		R0044 - MHHS Programme Changes required to Central Switching Service					
Change Summary:		The MHHS Target Operating Model requires that the registration data of the Meter Data Retrieval (MDR) parties is available to the SMDP, so that the SMDP can provide MDR parties with access to the Smart Meters at Metering Points they are registered to. Currently the new MDR role and Registration Data does not exist in, nor can it be made available from, CSS as this is a new industry operating model. This CP will progress the CSS requirements, enabling internal testing of these ahead of programme testing of the E2E MDR process (as part of the programme testing). The ERDS and EES changes will be implemented and tested as part of their overall MHHS delivery.					
Stakeholder positions:		DCC as CSS Provider - supported					
Date raised:	29/4/22	Status:	Detailed IA	Decision date:	TBC	MHHS Impact	Direct impact

Change Title		R0026 Whole Current (WC/ Current Transformer (CT) Certificates					
Change Summary:		MEMs can currently work on WC or CT meters without having been previously assessed on that metering category. This Change Proposal seeks to develop and implement a solution to address this area of risk – changes to MEM qualification may be seen.					
Stakeholder positions:		TBC					
Date raised:	22/11/22	Status:	On hold	Decision date:	TBC	MHHS Impact	Of interest - Qualification
Change Title		**R0064 - Creating a Meter Operator Agent and MOCoP Installer**					
Change Summary:		Prior to Retail Code Consolidation, electricity metering providers were either classified as Meter Operator Agent or MOCOPA Meter Installers. At Retail Code Consolidation these organisations were merged into a new category, Metering Equipment Managers, which also included gas metering providers. Whilst both types of organisation can provide metering services, not all MEM obligations in the REC apply to both organisations. This Change Proposal seeks to clarify the obligations of each type of metering provider by reintroducing this distinction.					
Stakeholder positions:		MEMs - TBC					
Date raised:	22/8/22	Status:	REC Initial Assessment	Decision date:	TBC	MHHS Impact	Of interest - Qualification

Change Title		**R0040 - CSS Switch Synchronisation to ERDA at Secured Active**					
Change Summary:		This change seeks to remove the MPRS from the Objection/Withdrawal Process to resolve sequence and timing issues in MPRS that are impacting the switching process. This will ensure Registration Status are accurately maintained in MPRS and agent appointment messages are only sent once a Switch has been secured by the Central Switching Service.					
Stakeholder positions:		ERDS Providers, CSS Provider, CSS Users – support by Service Providers					
Date raised		Status	Solution development	Decision date	TBC	MHHS Impact	Of interest -
Change Title		**R0066 - Inclusion of new DNO mastered SMRS Data Items in the EES (extension of R0032)**					
Change Summary:		This Change Proposal seeks to display new BSC owned data items in EES. These data items support the introduction of registration service data items that will be needed before Market-wide Half Hourly Settlement (MHHS) migration commences in October 2024. This Change Proposal is an extension of requirements set out in R0032 and takes forward the data items defined in BSC CP 1568					
Stakeholder positions:		ERDS Providers, EES – this has been to Change Panel, was challenged					
Date raised	26/8/220	Status	Impact Assessment	Decision date	20/12/22	MHHS Impact	Supporting data population ahead of transition completion

Change Title		R0059 - Maintenance of Qualification Schedule Change					
Change Summary:		Ambiguity in the Qualification and Maintenance Schedule is resulting in missing or incomplete 'Maintenance of Qualification' submissions and information from REC Parties. This results in time spent clarifying obligations or the Code Manager needing to request further detail from REC Parties, creating inefficiencies for REC Parties and the Code Manager.					
Stakeholder positions:		TBC					
Date raised	26/8/22	Status	REC Initial Assessment	Decision date	TBC	MHHS Impact	Of interest – Qualification
Change Title		**R0047 – Metering Code of Practice Consolidation**					
Change Summary:		This Change Proposal seeks to consolidate the current Metering Codes of Practice into a single set of arrangements that are simplified, proportionate and relevant, which can be monitored via a single audit scheme.					
Stakeholder positions:		MEMs and DNOs - supported					
Date raised	20/5/22	Status	Final Assessment	Decision date	15/11/22	MHHS Impact	Of interest

Change Title		R0067 - Introduction of CSS refresh functionality					
Change Summary:		Introduction of a CSS refresh functionality would allow systems which interface with the CSS to request a re-send of out of sync messages, messages received after gate closure, or missing messages without the need of manual intervention. There may be a requirement to introduce missing message detection functionality, to identify 'single send' missing messages.					
Stakeholder positions:		TBC					
Date raised	26/8/22	Status	Solution development	Decision date	TBC	MHHS Impact	For awareness only

Change Title		R0065 - Registration of Smart Export Guarantee (SEG) Sites					
Change Summary:		The Smart Export Guarantee (SEG) came into force on 1 January 2020 and introduced the need to register and settle Export Meter Point Administration Numbers (MPANs), in accordance with the BSC arrangements. There are a number of scenarios arising which question whether these existing processes established for the import market are fit for purpose for the export market and for the use of shared smart Meters.					
Stakeholder positions:		TBC					
Date raised	22/8/22	Status	On Hold	Decision date	TBC	MHHS Impact	For awareness only

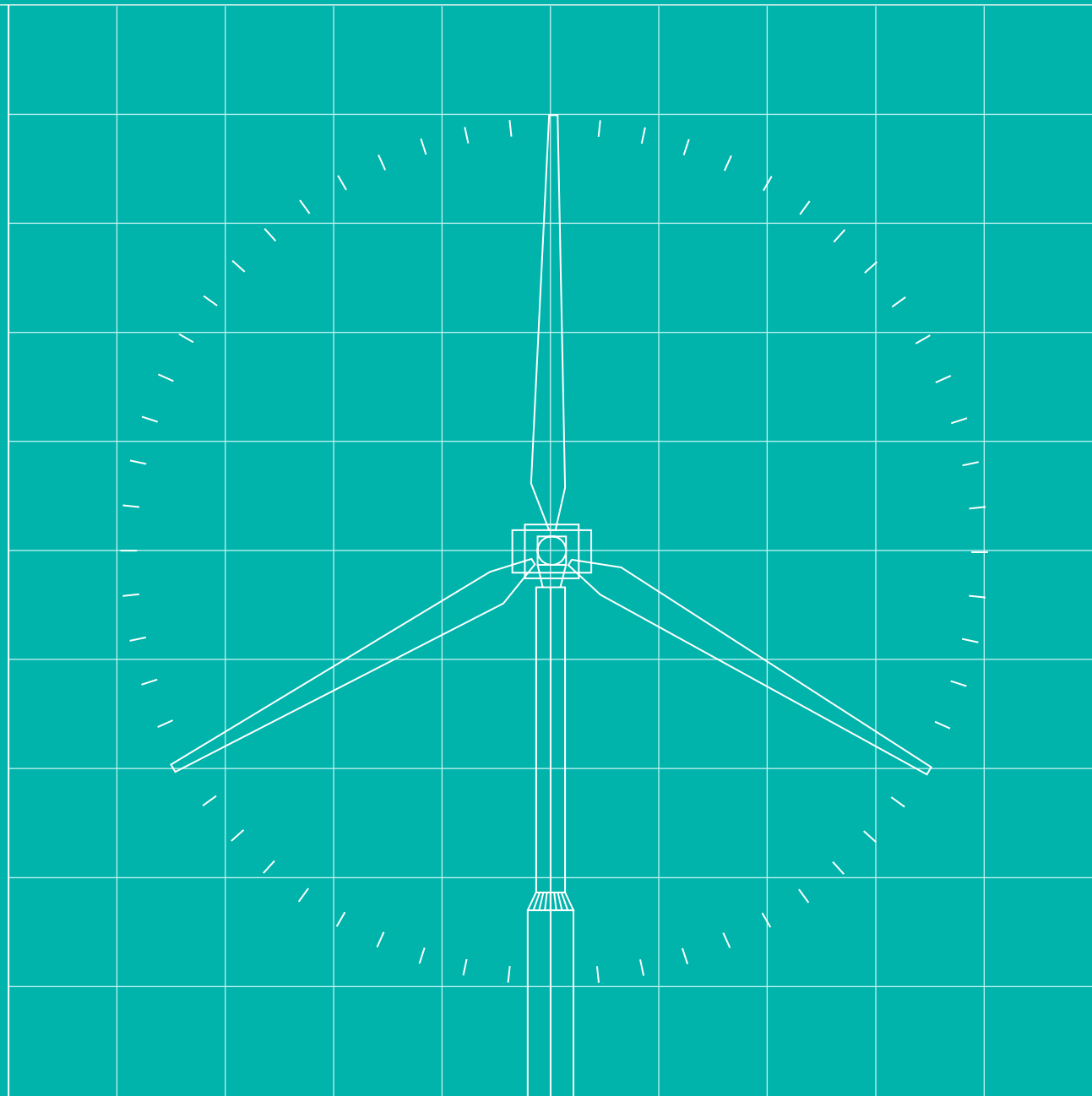
Description	Status	MHHS impact
Software Product Qualification	Pre-Change Proposal	Of interest - Qualification
REC Issue RI-0036 CR-D129: Gas gate closure message cut-off timing	REC Issue	Of interest – impacts to SecuredActive messaging

Regulatory Code Freeze

DISCUSSION: Agenda item request from OVO to discuss regulatory code freeze related to Faster Switching

Programme (Andrew Margan) & Domestic Supplier Representative (Paul Saker)

10 mins



Under Faster Switching there was a code freeze. The code freeze was implemented by Ofgem and prevented any regs changes being made to sections of codes that were to be transferred to the Retail Energy Code for Faster Switching for a defined period.

Understandably, Faster Switching was big bang. There was no parallel running of code. So, the need for a freeze was much greater.

However, to protect settlement focused industry parties from being exposed to too much regs change, it may make sense to freeze all changes to the old settlement regime under BSC and other codes and fix forward in MHHS only.

Discussion points:

- *Timeframe*
- *Impactfulness of change*
- *Breadth of codes impacted*
- *Implementation method*

Under the Faster Switching Programme there was change restriction implemented four months prior to go-live. The change restriction included:

- A design freeze on new specifications and feature implementations – new requirements of specifications could be added but not implemented until post go-live (unless deemed absolutely necessary)
- Code restrictions - no changes added to the switching code (unless deemed absolutely necessary)

Critical changes were expected to be the exception and were subject to approval by Switching Programme Governance.

Changes outside of Faster Switching were tracked for visibility and impact assessed.

Discussion points:

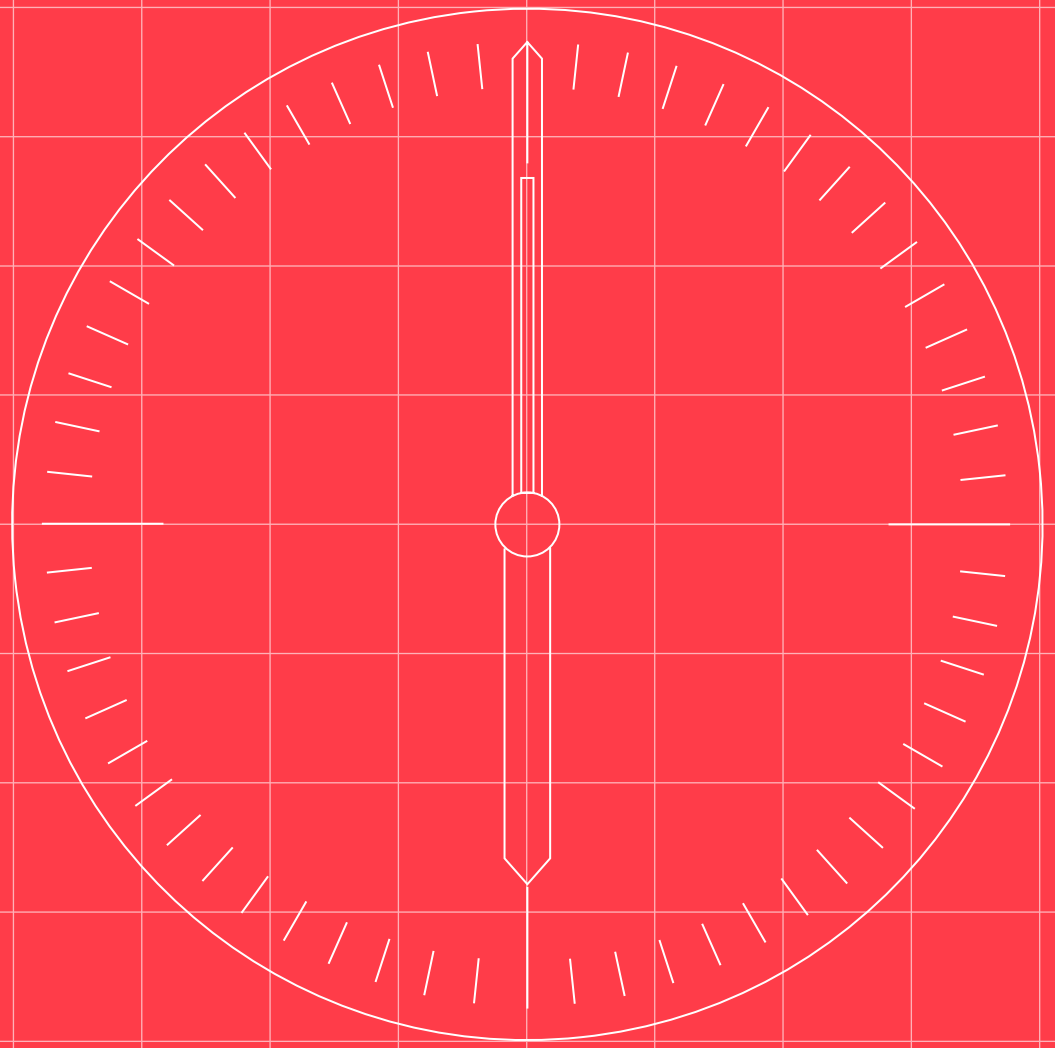
- *Timeframe*
- *Impactfulness of change*
- *Breadth of codes impacted*
- *Implementation method*

Delivery of M7/M8

DISCUSSION: Agree implementation timelines for M8 (code drafting delivery)

Programme – Jason Brogden

15 mins



Aligning M8 to M10

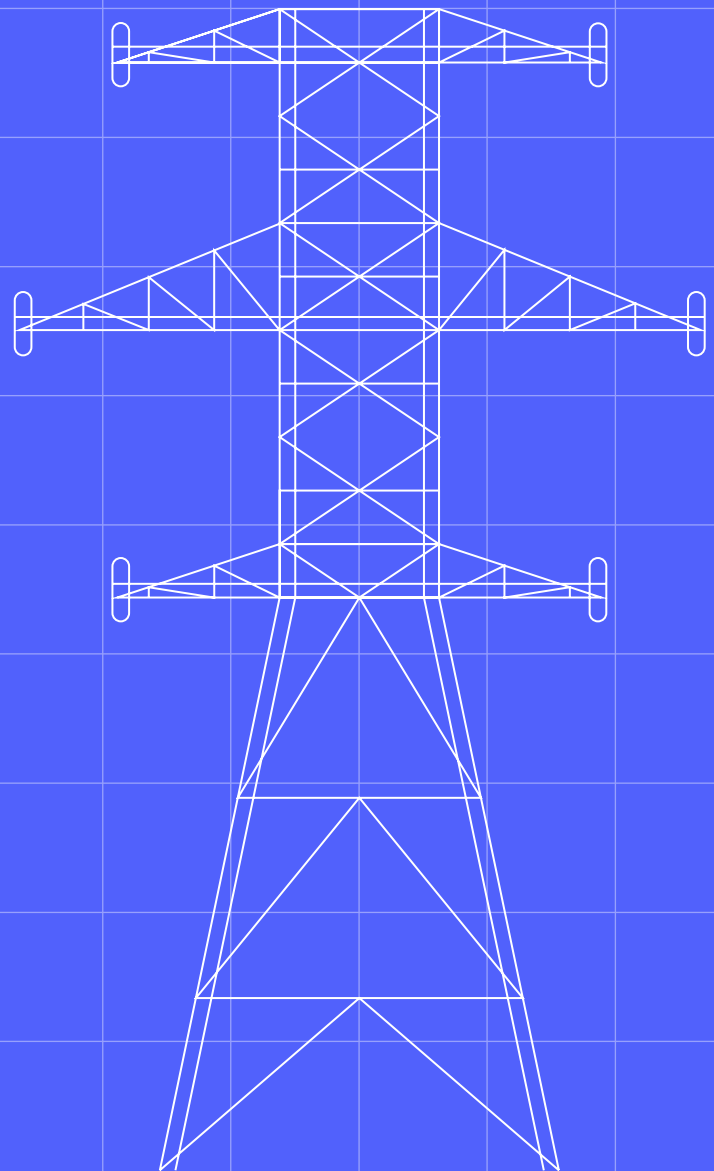
At September's CCAG, the group discussed the potential options for M8 and concluded that M8 should be aligned with M10 with the implication that an extraordinary code release would be likely to be required.

In accordance with CCAG's recommendation, and through engagement with Code Bodies, it was thought that extraordinary code releases could be undertaken to align M8 and M10.
Further investigation is likely to be needed to consider what legal powers might be required to be put in place (e.g. transitional Code) to support qualification against an enforceable baseline.

If we chose to progress with an extraordinary release, what are the next steps for code bodies and what is the process?
Currently plan to include this as the assumption in the next replan, therefore what actions needed to confirm that as reasonable

Option Description	Pros	Cons	Implications	Dependencies
M8 delivered at M10 (As late as possible)	Enables a single code release MHHS text central stored and easier to deliver Change control through MHHSP governance rather than BaU Code processes - more nimble	Panel's won't assess new mods against MHHS text	Text change pre-release will be via MHHSP governance A MHHS change control mechanism and version control matrix will need to be developed and resourced Pre-release code bodies will need to manage and align MHHS text to latest code version Need to ensure qualification enforceable	SMAP Powers enabled (initiate with enough lead time) Potential for transitional text for qualification Before M10 – central parties ready

M5 Success Criteria and Prototyping Report



DECISION: Recommendation to DAG regarding M5 success criteria

Programme – Jason Brogden

20 mins

MHHS PROGRAMME

Industry-led, Elexon facilitated

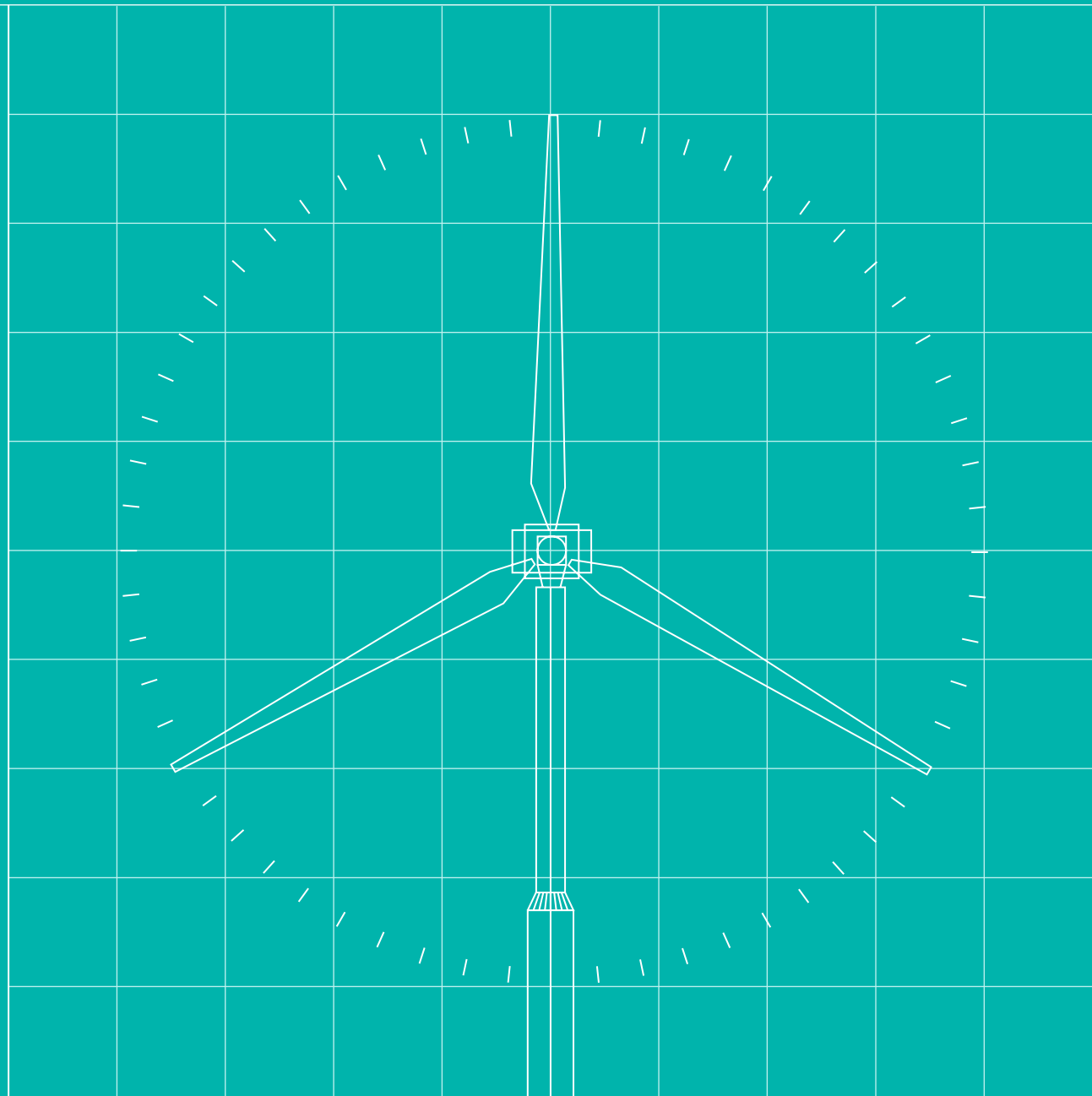
CCAG will be asked to decide whether the success criteria has been met and the decision will be communicated at the October DAG for M5 approval.
A key input to this decision is the result of the Prototyping exercise and the report from that work is distributed to CCAG as part of the meeting papers.

M5 Success Criteria	Demonstration from Prototyping Sprint 1
1. We have been kept updated of Design progress to enable the code resource plan to be developed	**A level 4 plan has been agreed with CCAG and is reflected in the latest version of the Programme plan. Code Bodies have confirmed that resources are available to deliver drafting to the plan.**
2. We believe the Design is defined appropriately to allow Code drafting to reflect the design without further design debate or further clarifications	**Prototyping Sprint 1 has demonstrated that the design artefacts proposed for approval at M5 are able to be reflected in Code drafting as set out in this report***

Recommendation: Approval of M5 Success Criteria

**Prototyping was able to cover around 10% of Design Artefacts, and two topic areas. Prototyping tested the principle of code drafting from the high level obligations to the detailed process maps. This provided a narrow, but a good depth of coverage. There were some clarifications highlighted from prototyping and it is unreasonable not to expect some clarifications from the code drafting process as not all topic areas were covered, but this is foreseen to be manageable. Design issues that were identified from Code Bodies have been raised through the design issues process and the Design Artefacts are fundamentally sound and appropriate for code drafting.*

Consequential Change Code Drafting Approach



DISCUSSION: Clarify MHHSP scope delivery activities and discuss how consequential change outside of Programme scope is delivered

Programme – Jason Brogden

20 mins

Some Programme Parties have implied a lack of clarity on how change necessary for MHHS (either as part of the scope of the programme or consequential change) will be delivered through Programme and non-Programme mechanisms, therefore MHHSP will clarify this

The MHHS Programme (MHHSP) Target Operating Model (TOM) sets the scope for MHHSP delivery

There are consequential changes outside MHHS TOM that need to be delivered for MHHSP to be successful, but which are not the responsibility for MHHSP to deliver

MHHSP does not have control over consequential changes but needs to monitor delivery as external dependencies

MHHSP is taking a design-led approach with Design, Build and Test (DBT) following design baseline, rather than waiting for industry Code development to be complete

Industry Code development is being delivered in parallel with DBT on the basis that Code drafting just translates the design into industry Codes

Ofgem, MHHSP and industry can have increased confidence in the timely delivery of consequential change with clarity of delivery plans and more proactive management from the MHHSP

We can do this by:

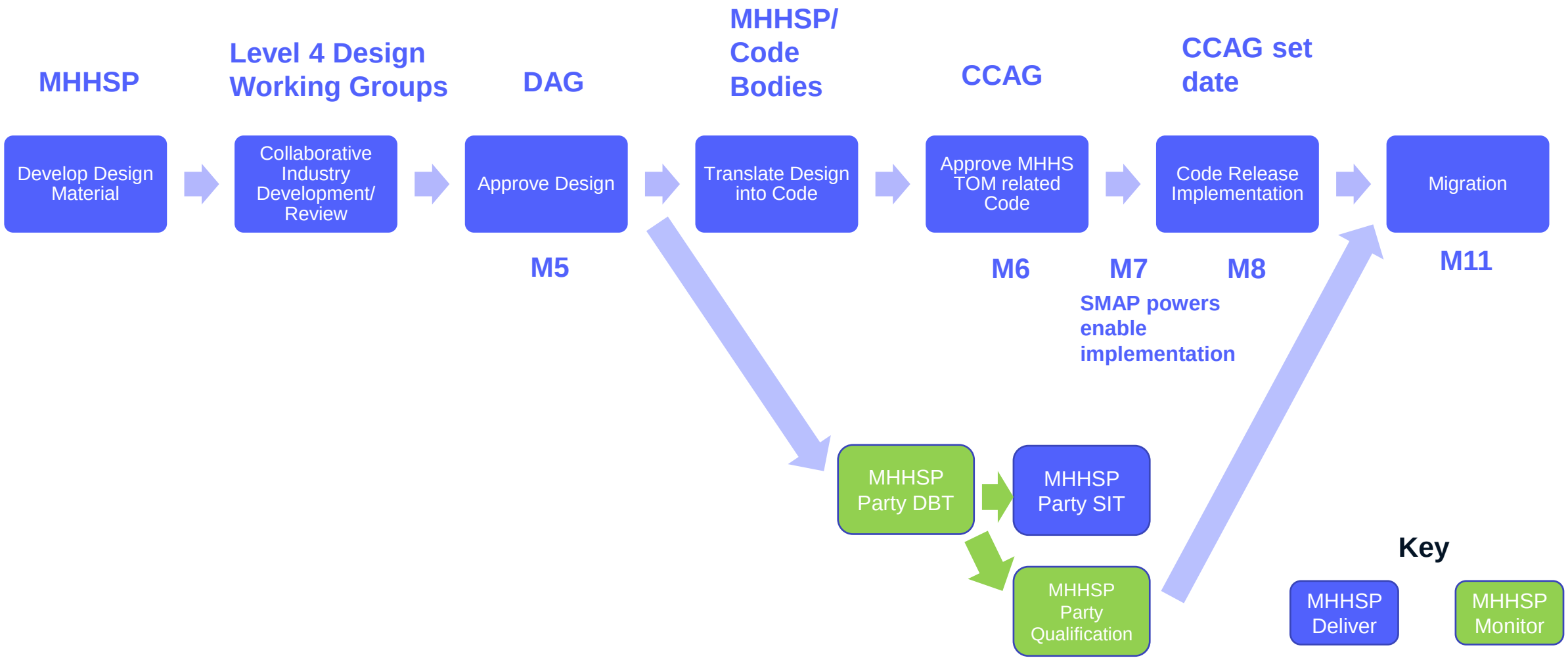
- Providing clarity on MHHSP scope and related delivery activities
- Providing clarity on responsible parties and likely related delivery activities for consequential change
- Investigating efficiencies and potential change to the overall Code drafting process for MHHSP change and consequential change
- Reinforcing clear controls for MHHSP monitoring consequential change
- Establishing an escalation process with IPA/Ofgem for consequential change

CCAG has been established in MHHSP Governance to translate the design baselined for the MHHSP TOM into Code drafting

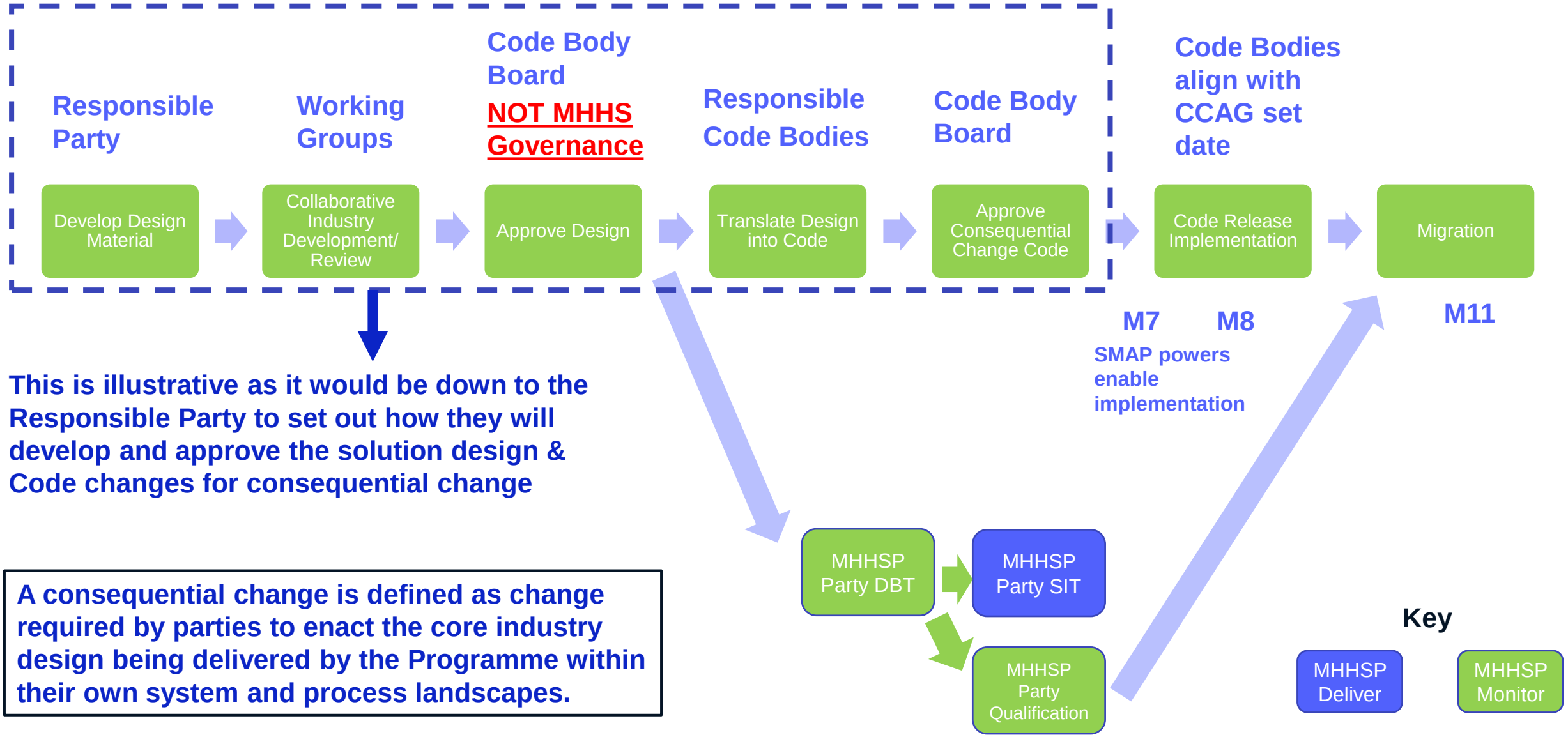
Consequential change has been defined in the programme and CCIAG is a discussion forum for consequential change

CCIAG is not a decision-making body or part of governance for consequential change

MHHSP Scope (TOM) Delivery Activities

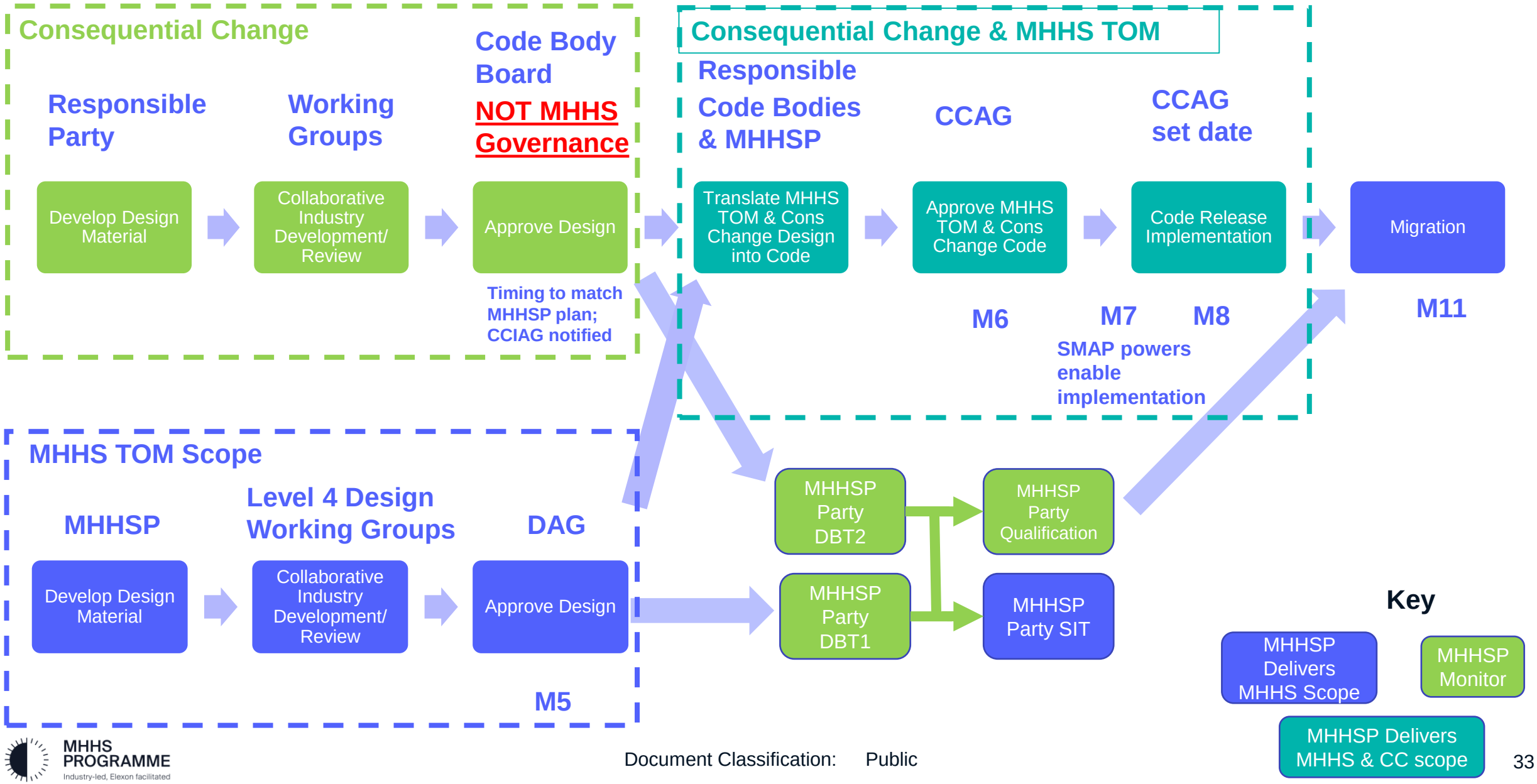


Likely Consequential Change Delivery Activities Required under current MHHS delivery model

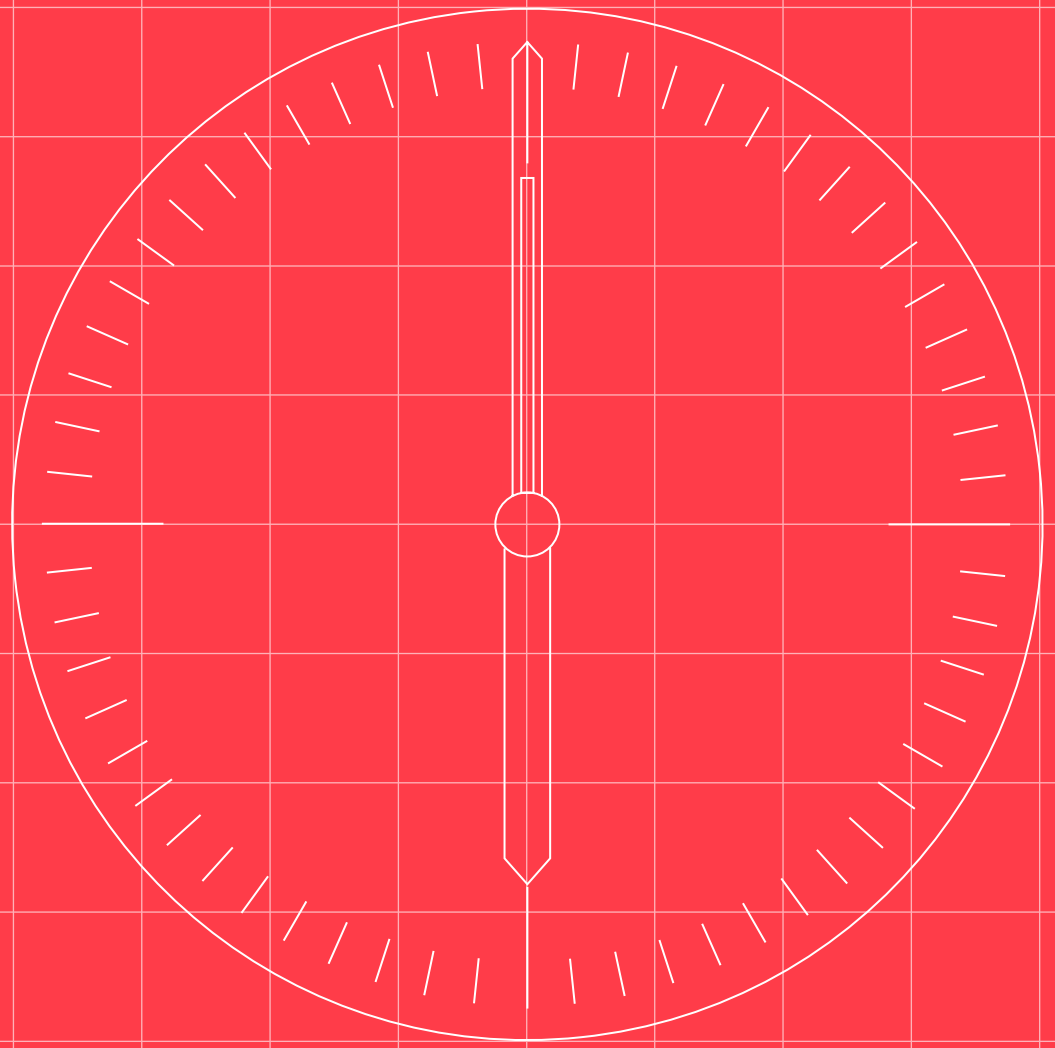


A consequential change is defined as change required by parties to enact the core industry design being delivered by the Programme within their own system and process landscapes.

Potential New Delivery model that may deliver efficiencies for industry as a whole, but requires a CR to the Programme



CDWG Update



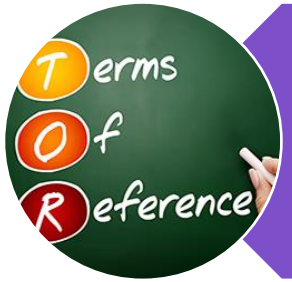
INFORMATION: Updates on CDWG

Programme – PMO

5 mins

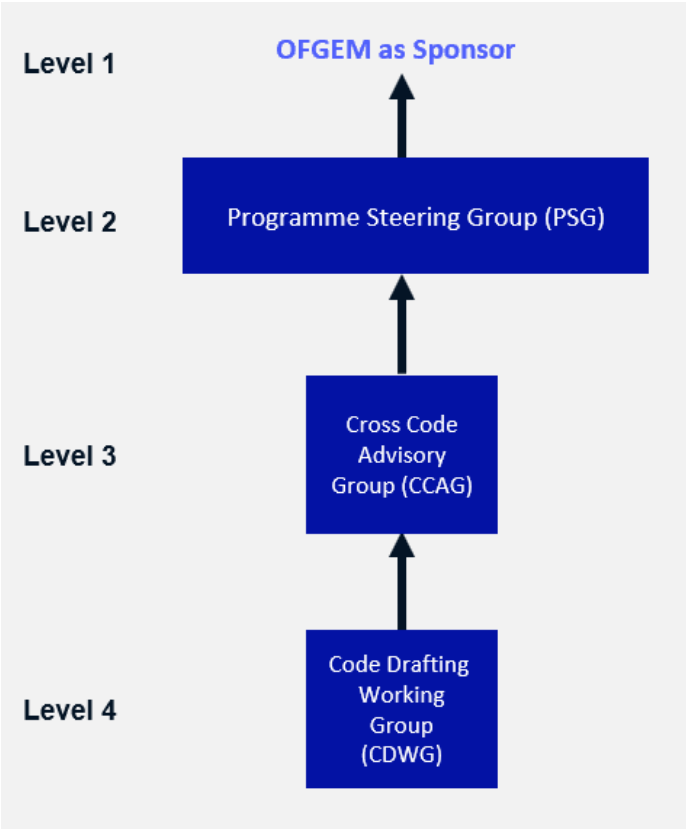
October CDWG update

November CDWG

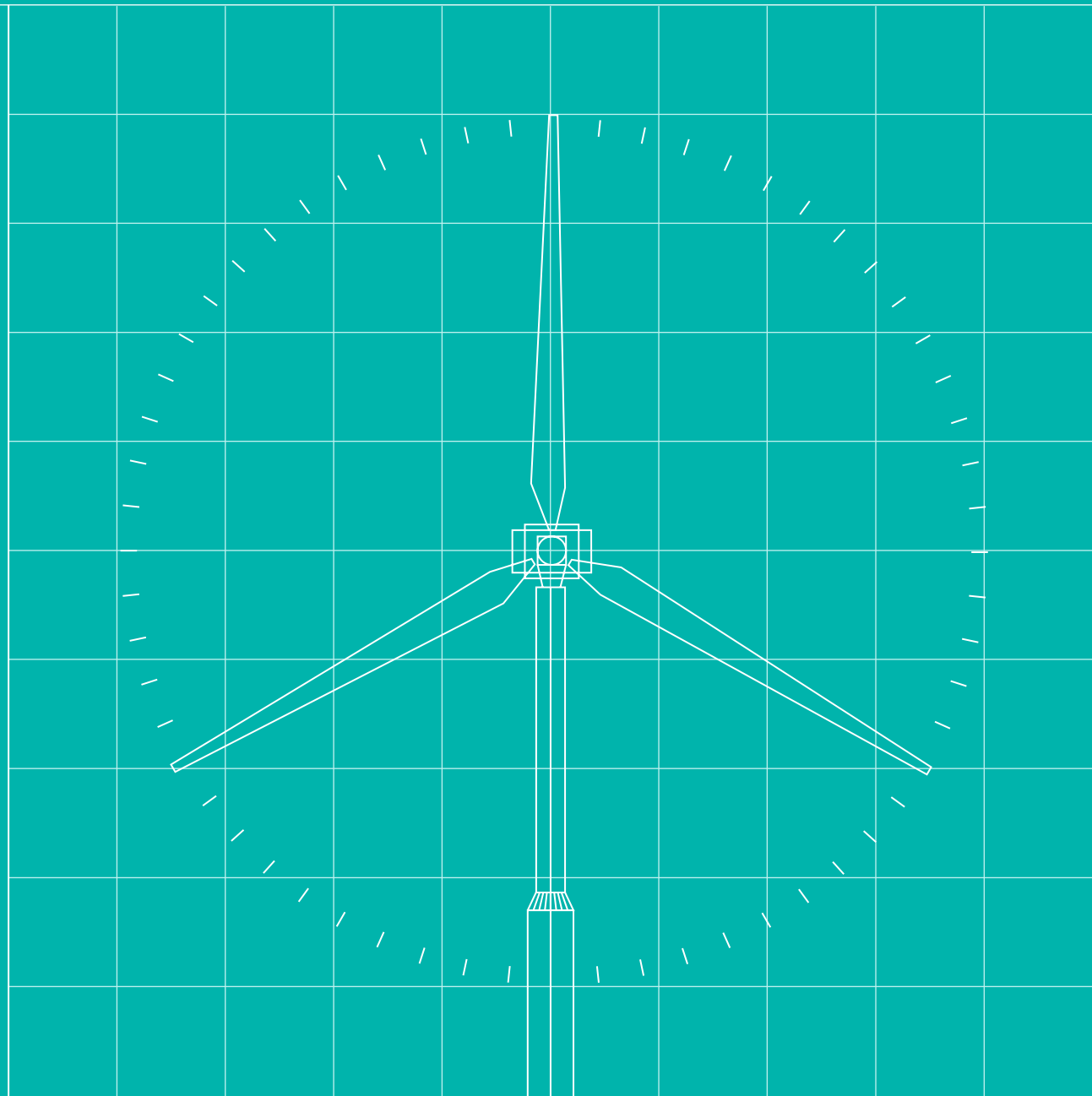


Upcoming agenda items

Extract of MHHS Programme Governance Structure



Summary and Next Steps



INFORMATION: Summarise meeting actions and next steps

Chair & Secretariat

5 mins

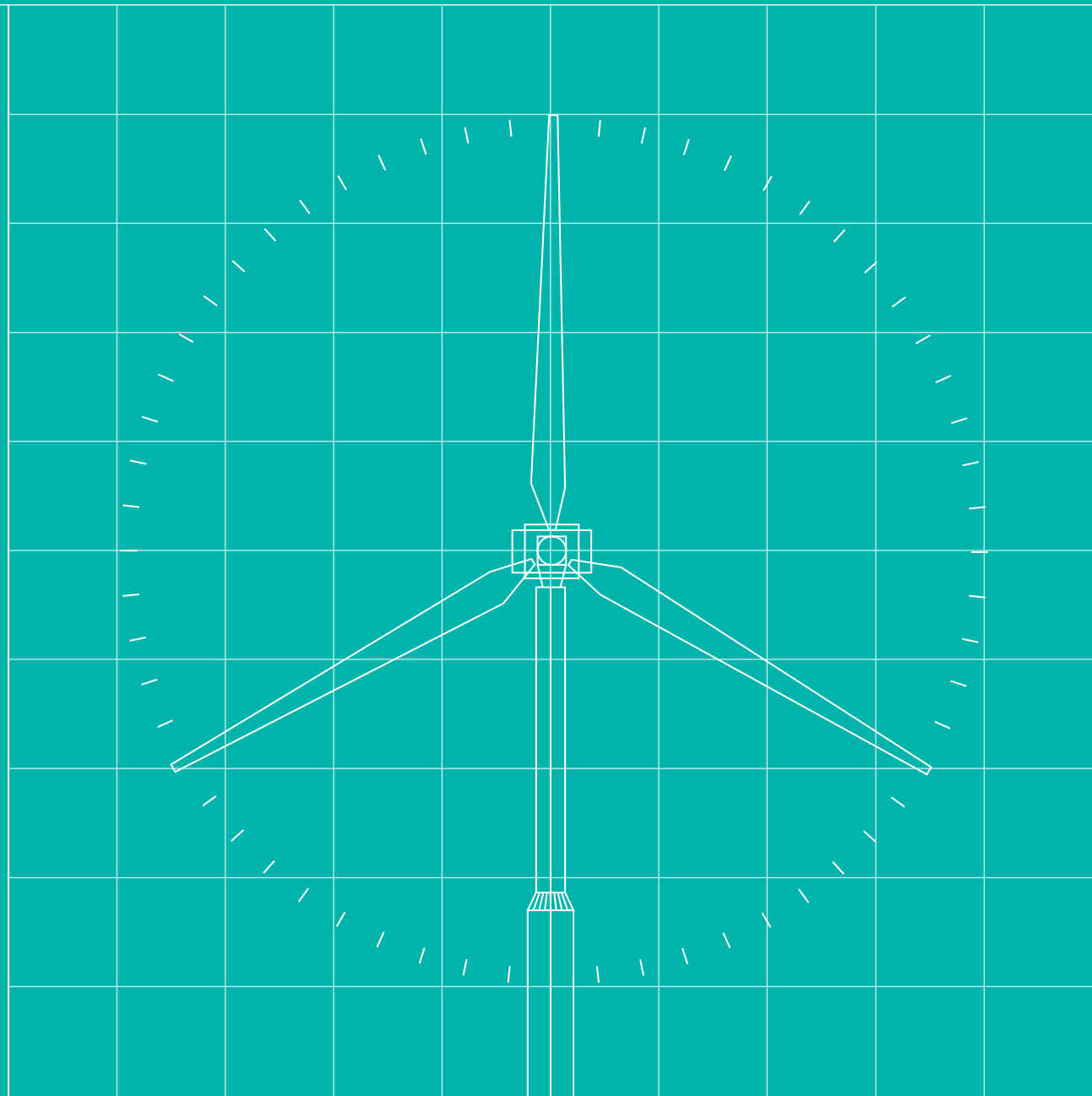
Next steps

- Secretariat to confirm actions and decisions from meeting
- Next CCAG meeting 23 November 2022 at 10:00am
- Next CDWG meeting 08 November 2022 at 10:00am

If you would like to request agenda items for the CCAG, please contact PMO@mhhsprogramme.co.uk

Appendix 1

Delivering Consequential Change – Further slides



MHHS PROGRAMME

Industry led, Elexon facilitated

MHHSP Scope (TOM) Delivery Responsibilities

MHHSP can only take responsibility for the delivery of the MHHSP TOM

MHHSP and External Parties are responsible for delivering system and process change as part of the TOM and as defined in the Design Artefacts, e.g.:

- MHHSP: DIP
- Elexon: BSC Central Services
- **Electralink: DTN changes**
- DCC: MP162 and capacity upgrade
- RECCo: Central Switching Service (CSS) (CP R044); Electricity Enquiry Service (EES); Data Changes CP R0032; **Secure Data Exchange Service (SDES)**
- DNOs: UMSO; Electricity Retail Data Service (ERDS); Network Operations
- Suppliers: DBT1 scope activities
- Agents: SDS; ADS; UMSDS; Metering Service Smart; Metering Service Advanced

Code Bodies & MHHSP are responsible for translating Design Artefacts into Code changes for M6:

- BSC: MHHSP (should include Settlement Timetable changes)
- REC: RECCo
- DCUSA: Electralink
- CUSC: NG ESO
- SEC: SECAS (assuming all necessary SEC changes delivered in MP162 and nothing more)

CCAG has been established in MHHSP Governance to translate the design baselined for the MHHSP TOM into Code drafting

CCAG is not a decision-making body or part of governance for consequential change

Consequential Change

Change that is required outside the MHHSP TOM must be delivered by external parties responsible and Programme Parties are under Code obligations to deliver what is required for MHHS

The Consequential Change Log under CCIAG captures issues that have been raised for discussion and resolution

A number of other consequential changes required are not captured in the log, but are being delivered by Programme Parties

MHHSP will monitor CCs as external dependencies as CC is critical to the success of MHHSP

External Parties' consequential change includes:

- **Electralink: DTN changes**
- RECCo: Consequential Change Log items; Qualification; **Secure Data Exchange Service (SDES)**
- DNOs: UMSO; Electricity Retail Data Service (ERDS); Network Operations
- Suppliers: DBT2 scope activities
- SECAS: Accession/Qualification
- BSCCo: Qualification; Performance Assurance

CCIAG has been established by MHHSP as a forum to discuss consequential changes with:

- an agreed a definition of consequential change; and
- a process to consider items raised and allocate items to appropriate parties to resolve

CCIAG is not a decision-making body for either MHHSP TOM items or consequential change

Code Bodies are responsible for translating Consequential Change into Code changes

Consequential Change Code Changes will need to be in place for M8

Draft Responsibilities for different items of Consequential Change have started to be mapped out in the Appendix and this will need to be completed for clarity

There are opportunities to make Code drafting more efficient by including Consequential Change drafting into the activities for MHHSP drafting before M6.

Risks of separating drafting are highlighted by RECCo in their appended slides and as the responsible Code Bodies will be undertaking drafting, this is likely to provide efficiencies in the drafting.

There are risks to the MHHSP that adding Consequential Change drafting into MHHSP Programme activities will result in Code drafting activities being on the critical path, but this could be low risk if the current proposals to extend M8 to the start of migration (or shortly before) are agreed.

The REC slides appended did not set out the responsibility for agreeing the design solutions for Consequential Change, so this has been added into a potential new Code delivery model, as set out on the next slide.

CCAG could take on responsibility for approving MHHSP Code drafting and Consequential Change drafting on the basis that design solutions are baselined in advance and the approval is just that those design solutions are translated into Codes

This would be a change to the current Programme delivery model, therefore a Change Request will need to be raised and impact assessed in order for a decision to be made on whether to change.

This Change Request would need to include a plan for delivery (probably collaboratively developed with the Code Bodies and MHHSP) that gives confidence that Code development activities would not fall onto the critical path

MHHSP will monitor delivery of MHHSP scope through the Programme Plan

Responsible Parties will be asked for their delivery plans for Consequential Change

MHHSP will monitor delivery of Consequential Changes through:

- CCAG will identify industry change-related potential new Consequential Change through Horizon Scanning
- MHHSP will log Consequential Changes as External Dependencies
- MHHSP will raise Risks for the late delivery of Consequential Changes
- MHHSP will identify appropriate mitigating action for those risks and allocate an MHHSP owner
- MHHSP Owner and RAID Manager will regularly review the status and score of those risks to escalate where required
- CCIAG will be a forum to discuss implementation risks for Consequential Change
- Readiness Assessments can be used to ask for delivery plans and ask questions on party readiness
- MHHSP Owner will monitor delivery against Consequential Change delivery plans

The success of the MHHSP is dependent on the successful delivery of Consequential Change

MHHSP is not in control of consequential change, but Programme Parties are under regulatory obligations to deliver their change for MHHS

MHHSP will define trigger conditions and a process to escalate significant Consequential Change delivery risks to IPA and Ofgem who can address non-compliance with Programme Parties where MHHSP influence has not worked

Responsibilities in Existing Model – Some Examples

	Develop Design	Industry Review	Design Approval	Draft Design into Code	Approve Code	DBT Solution	Qualification
Analogous EAC	MHHSP	Design WGs	DAG	MHHSP	CCAG	Suppliers	BSCCo
S-Number	RECCo	CCIAG? REC WG? n/a?	RECCo Change Board/ RECCo?	RECCo	RECCo Change Board/RECCo/	Suppliers	RECCo
BSC Performance Assurance & Supplier Charges	BSCCo	PAB WG	PAB	BSCCo	BSC Panel? CCAG?	BSCCo / Suppliers	BSCCo
BSC Qualification	BSCCo	QWG? / PAB WG?	PAB	BSCCo	BSC Panel? CCAG?	Programme Parties	BSCCo
REC Qualification							
Removal of MTCs related MPANs							
New/Additional MPAN Process	**To populate from Consequential Change Log, AM slide, RECCo slides, Elexon BSCCo email exchange on responsibilities**			**If the CR was approved, CCAG would be the approver of all code**		**Split this for what is ready for go Live and what might be BaU/enduring for a release post M8**	

Responsibilities – Some Examples

	Develop Design	Industry Review	Design Approval	Draft Design into Code	Approve Code	DBT Solution	Qualification
SSC Valid Set							
MEM interfaces							
Supplier Exception Processes							
SDEP Message / Reporting							
SSC/TPR non-settlement use							
SSC/TPR SDS							
MPAS							
Linking Import / Export Meters							

Responsibilities – Some Examples

	Develop Design	Industry Review	Design Approval	Draft Design into Code	Approve Code	DBT Solution	Qualification
CSS User Roles							
EES User Roles and Data Access							
SEC Accession for MDR? (is this covered by MP162?)							